

# Preliminary Agenda

**Tuesday, October 7, 2008**

**8:00 a.m.      Registration**  
**Exhibits Open**

**8:30 a.m.      Welcome**  
Regional Administrator/Deputy Regional Administrator, EPA Region 2 (Invited)  
Sally Gutierrez, Director, EPA National Risk Management Research Laboratory

**8:45 a.m.      Plenary Session**

**Region 2 Technology Information Needs and Priorities**  
Andrew Bellina, Regional Technology Advocate, EPA Region 2

**Environmental Technology Verification Program**  
Teresa Harten, Director, EPA ETV Program

**Small Business Innovation Research Program**  
James Gallup, Director, EPA SBIR Program

**Discussion**

**9:40 a.m.      Break – Exhibits Open**

**10:00 a.m.      Water Session 1A: Water Monitoring Technologies**  
Session Chair: Douglas Pabst, EPA Region 2

**EPA Region 2 Water Monitoring Technology Priorities**  
Douglas Pabst, EPA Region 2

**SBIR Vendor: Improved Rapid Detector for Viable Waterborne Pathogens**  
Richard Montagna, Innovative Biotechnologies International, Inc. (Grand Island, NY)

**ETV Verification of Advanced Water Monitoring Systems**  
Amy Dindal, Battelle, ETV Advanced Monitoring Systems Center Manager  
Vito Minei, Director, Division of Environmental Quality, Suffolk County

Department of Health Services

Topics:

- Beach water quality screening tools
- Multi-parameter water monitors
- Estrogen ELISA test kits
- Nutrient monitors

**Discussion: Ideas for Collaboration**

**10:00 a.m.**

**Air Session 2A: Air Monitoring Technologies**

Session Chair: Avi Teitz, EPA Region 2

**ETV Verification for Advanced Air Monitoring Systems**

Tom Kelly, Battelle, ETV Advanced Monitoring Systems Center

Topics:

- Chemiluminescent ozone analyzers
- Leak detection and repair (LDAR) technologies
- Hydrogen sulfide and ammonia monitors at CAFOs
- Mercury emission monitors

**SBIR Vendor: Remote Sensing Instrument for On-Road Heavy-Duty Diesel NO<sub>x</sub> and PM Sensitive and Affordable Compact Ammonia Monitor**

Joanne Shorter, Aerodyne Research, Inc. (Billerica, MA)

**EPA Region 2 Air Monitoring Technology Priorities**

Avi Teitz, EPA Region 2

**Discussion: Ideas for Collaboration**

**11:50 a.m.**

**Lunch – Exhibits Open**

**1:00 p.m.**

**Water Session 1B: Drinking Water Treatment Technologies**

**EPA Region 2 Drinking Water Technology Priorities**

Speaker TBD, EPA Region 2

**SBIR Vendor: Inexpensive Drinking Water Chlorination Unit for Small Communities**

Michael Kimble, Reactive Innovations, LLC (Littleton, MA)

**ETV Verification of Drinking Water Treatment Systems**

Jeff Adams, EPA/ORD, ETV Drinking Water Systems Center Project Officer

Bruce Bartley, NSF International, ETV Drinking Water Systems Center Manager

Topics:

- Emergency mobile package or POE/POU treatment technologies
- Membrane/sorption and ultraviolet technologies for surface/ground water microbiological contamination (LT2-SWTR)

**Discussion: Ideas for Collaboration**

**1:00 p.m.**

**Air Session 2B: Greenhouse Gas and Energy Technologies**

Session Chair: William Baker, EPA Region 2

### **ETV Verification for Greenhouse Gas Technologies**

Tim Hansen, Southern Research Institute, ETV Greenhouse Gas Technology Center

#### Topics:

- Green building technologies
- Combined heat and power technologies (microturbines, fuel cells, and internal combustion engines; collaborations with NYSERDA in New York City and State)
- Waste-to-energy and biomass-to-energy technologies

### **EPA Region 2 Greenhouse Gas/Energy Technology Priorities**

William Baker, EPA Region 2

### **SBIR Vendor: Handheld Laser-Based Sensor for Remote Detection of Gas Leaks**

Mickey Frish, Physical Sciences, Inc. (Andover, MA)

### **Environmental and Sustainable Technology Evaluation of Fuel Characteristics and Emissions from Biomass Co-Fired Boilers**

Tim Hansen, Southern Research Institute

#### **Discussion: Ideas for Collaboration**

**3:00 p.m. Break – Exhibits Open**

**3:30-5:00 p.m. Region Co-Led Focused Break-Out Discussions**

**Wednesday, October 8, 2008**

**8:30 a.m. Registration  
Exhibits Open**

**9:00 a.m. Water Session 1C: Water Quality and Wastewater Treatment Technologies**

### **ETV Verification of Water Quality Protection Technologies**

Tom Stevens, NSF International, ETV Water Quality Protection Center Manager

#### Topics:

- Stormwater treatment technologies
- Infrastructure rehabilitation technologies

### **SBIR Vendor: Balloon Platforms for Remote Sensing of Water Quality in Mixing Zones**

Robert Doneker, MixZon, Inc. (Portland, OR)

### **EPA Region 2 Wastewater Technology Priorities**

Speaker TBD, EPA Region 2

#### **Discussion: Ideas for Collaboration**

**9:00 a.m. Air Session 2C: Air Pollution Control Technologies**

Session Chair: Jehuda Menczel, EPA Region 2

### **EPA Region 2 Air Pollution Control Technology Priorities**

Jehuda Menczel, EPA Region 2

**SBIR Vendor: Membranes for Air Venting and Retaining VOCs in Gasoline Storage Tanks Retrofitting Diesel Electric Generators for Emission Reduction**

Stuart Nemser, Compact Membrane Systems, Inc. (Wilmington, DE)

**ETV Verification of Air Pollution Control Technology**

Andrew Trenholm, RTI International, ETV Air Pollution Control Technology Center Manager

Topics:

- Volatile organic compounds emission control technologies (biofilter/furniture verification in collaboration with NYSERDA)
- Mobile source technologies
- Outdoor wood-fired hydronic heaters (in collaboration with NESCAUM)

**Environmental and Sustainable Technology Evaluation of Microbial Resistant Building Materials, Gypsum Wallboard**

Timothy Dean, EPA/ORD, Project Manager

**Discussion: Ideas for Collaboration**

**11:00 a.m.**

**Waste Session 3A: Soils, Surfaces, and Site Characterization Technologies**

**EPA Region 2 Waste Technology Priorities**

Speaker TBD, EPA Region 2

**ETV Verification for Advanced Monitoring Systems for Soils, Surfaces, and Site Characterization**

Amy Dindal, Battelle, ETV Advanced Monitoring Systems Center Manager

Topics:

- Soil rapid toxicity technologies
- Passive groundwater sampling technologies
- Radio frequency identification tracking of hazardous wastes

**SBIR Vendor: Development of a Reliable Low-Cost and User-Friendly Spot Test Kit for Leaded Paint and Dust**

David Keller, Dzymetech, Inc. (Champaign, IL)

**Environmental and Sustainable Technology Evaluation of Qualitative Spot Test Kits for Lead in Paint**

Julius Enriquez, EPA/ORD, Project Manager

**Discussion: Ideas for Collaboration**

**12:30 p.m.**

**Workshop Adjourns**